

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/002,603A

Source: FW16

Date Processed by STIC: 1/4/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 01/04/2005

PATENT APPLICATION: US/10/002,603A

TIME: 09:42:13

Input Set : D:\seq465c6.app.txt

Output Set: N:\CRF4\01042005\J002603A.raw

3 <110> APPLICANT: Gaiger, Alexander
 4 McNeill, Patricia D.
 5 Smithgall, Molly
 6 Moulton, Gus
 7 Vedvick, Thomas S.
 8 Sleath, Paul R.
 9 Mossman, Sally
 10 Evans, Lawrence
 11 Spies, A. Gregory
 12 Boydston, Jeremy
 15 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR WT1
 16 SPECIFIC IMMUNOTHERAPY
 18 <130> FILE REFERENCE: 210121.465C6
 C--> 20 <140> CURRENT APPLICATION NUMBER: US/10/002,603A
 21 <141> CURRENT FILING DATE: 2001-10-30
 23 <150> PRIOR APPLICATION NUMBER: 09/938,864
 24 <151> PRIOR FILING DATE: 2001-08-24
 26 <150> PRIOR APPLICATION NUMBER: 09/785,019
 27 <151> PRIOR FILING DATE: 2001-02-15
 29 <150> PRIOR APPLICATION NUMBER: 09/685,830
 30 <151> PRIOR FILING DATE: 2000-10-09
 32 <150> PRIOR APPLICATION NUMBER: 09/684,361
 33 <151> PRIOR FILING DATE: 2000-10-06
 35 <150> PRIOR APPLICATION NUMBER: 09/276,484
 36 <151> PRIOR FILING DATE: 1999-03-25
 38 <150> PRIOR APPLICATION NUMBER: 09/164,223
 39 <151> PRIOR FILING DATE: 1998-09-30
 41 <160> NUMBER OF SEQ ID NOS: 413
 43 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 45 <210> SEQ ID NO: 1
 46 <211> LENGTH: 17
 47 <212> TYPE: PRT
 48 <213> ORGANISM: Homo sapien
 50 <400> SEQUENCE: 1
 51 Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro Ser Leu Gly Gly Gly
 52 1 5 10 15
 53 Gly
 56 <210> SEQ ID NO: 2
 57 <211> LENGTH: 23
 58 <212> TYPE: PRT
 59 <213> ORGANISM: Homo sapien
 61 <400> SEQUENCE: 2
 62 Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro

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63      1              5              10              15
64 Tyr Leu Pro Ser Cys Leu Glu
65              20
67 <210> SEQ ID NO: 3
68 <211> LENGTH: 23
69 <212> TYPE: PRT
70 <213> ORGANISM: Mus musculus
72 <400> SEQUENCE: 3
73 Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe Pro Asn Ala Pro
74      1              5              10              15
75 Tyr Leu Pro Ser Cys Leu Glu
76              20
78 <210> SEQ ID NO: 4
79 <211> LENGTH: 19
80 <212> TYPE: PRT
81 <213> ORGANISM: Homo sapien
83 <400> SEQUENCE: 4
84 Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser Ser Val Lys
85      1              5              10              15
86 Trp Thr Glu
89 <210> SEQ ID NO: 5
90 <211> LENGTH: 22
91 <212> TYPE: DNA
92 <213> ORGANISM: Homo sapien
94 <400> SEQUENCE: 5
95 gagagtcaga cttgaaagca gt                                22
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 20
99 <212> TYPE: DNA
100 <213> ORGANISM: Homo sapien
102 <400> SEQUENCE: 6
103 ctgagcctca gcaaattgggc                                20
105 <210> SEQ ID NO: 7
106 <211> LENGTH: 27
107 <212> TYPE: DNA
108 <213> ORGANISM: Homo sapien
110 <400> SEQUENCE: 7
111 gagcatgcat gggctccgac gtgcggg                                27
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 25
115 <212> TYPE: DNA
116 <213> ORGANISM: Homo sapien
118 <400> SEQUENCE: 8
119 ggggtaccca ctgaacggtc cccga                                25
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 18
123 <212> TYPE: DNA
124 <213> ORGANISM: Mus musculus
126 <400> SEQUENCE: 9

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127  tccgagccgc acctcatg                               18
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 18
131 <212> TYPE: DNA
132 <213> ORGANISM: Mus musculus
134 <400> SEQUENCE: 10
135  gcctgggatg ctggactg                               18
137 <210> SEQ ID NO: 11
138 <211> LENGTH: 27
139 <212> TYPE: DNA
140 <213> ORGANISM: Mus musculus
142 <400> SEQUENCE: 11
143  gagcatgcga tgggttccga cgtgcgg                    27
145 <210> SEQ ID NO: 12
146 <211> LENGTH: 29
147 <212> TYPE: DNA
148 <213> ORGANISM: Mus musculus
150 <400> SEQUENCE: 12
151  ggggtacctc aaagcgccac gtggagttt                29
153 <210> SEQ ID NO: 13
154 <211> LENGTH: 17
155 <212> TYPE: PRT
156 <213> ORGANISM: Mus musculus
158 <400> SEQUENCE: 13
159  Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Ser Ser Leu Gly Gly Gly
160   1          5          10          15
161  Gly
164 <210> SEQ ID NO: 14
165 <211> LENGTH: 19
166 <212> TYPE: PRT
167 <213> ORGANISM: Mus musculus
169 <400> SEQUENCE: 14
170  Gly Ala Thr Leu Lys Gly Met Ala Ala Gly Ser Ser Ser Ser Val Lys
171   1          5          10          15
172  Trp Thr Glu
175 <210> SEQ ID NO: 15
176 <211> LENGTH: 15
177 <212> TYPE: PRT
178 <213> ORGANISM: Homo sapien
180 <400> SEQUENCE: 15
181  Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
182   1          5          10          15
184 <210> SEQ ID NO: 16
185 <211> LENGTH: 15
186 <212> TYPE: PRT
187 <213> ORGANISM: Mus musculus
189 <400> SEQUENCE: 16
190  Arg Ile His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg
191   1          5          10          15

```

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```

193 <210> SEQ ID NO: 17
194 <211> LENGTH: 14
195 <212> TYPE: PRT
196 <213> ORGANISM: Mus musculus
198 <400> SEQUENCE: 17
199 Val Arg Arg Val Ser Gly Val Ala Pro Thr Leu Val Arg Ser
200 1 5 10
202 <210> SEQ ID NO: 18
203 <211> LENGTH: 14
204 <212> TYPE: PRT
205 <213> ORGANISM: Homo sapien
207 <400> SEQUENCE: 18
208 Val Arg Arg Val Pro Gly Val Ala Pro Thr Leu Val Arg Ser
209 1 5 10
211 <210> SEQ ID NO: 19
212 <211> LENGTH: 15
213 <212> TYPE: PRT
214 <213> ORGANISM: Homo sapien
216 <400> SEQUENCE: 19
217 Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
218 1 5 10 15
220 <210> SEQ ID NO: 20
221 <211> LENGTH: 15
222 <212> TYPE: PRT
223 <213> ORGANISM: Mus musculus
225 <400> SEQUENCE: 20
226 Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His
227 1 5 10 15
229 <210> SEQ ID NO: 21
230 <211> LENGTH: 21
231 <212> TYPE: DNA
232 <213> ORGANISM: Mus musculus
234 <400> SEQUENCE: 21
235 ccaggctgc aataagagat a 21
237 <210> SEQ ID NO: 22
238 <211> LENGTH: 21
239 <212> TYPE: DNA
240 <213> ORGANISM: Mus musculus
242 <400> SEQUENCE: 22
243 atgttgtgat ggcggaccaa t 21
245 <210> SEQ ID NO: 23
246 <211> LENGTH: 20
247 <212> TYPE: DNA
248 <213> ORGANISM: Homo sapien
250 <400> SEQUENCE: 23
251 gtggggcgcc ccaggcacca 20
253 <210> SEQ ID NO: 24
254 <211> LENGTH: 24
255 <212> TYPE: DNA

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Input Set : D:\seq465c6.app.txt

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```

256 <213> ORGANISM: Homo sapien
258 <400> SEQUENCE: 24
259 gtccttaatg ctacgcacga tttc 24
261 <210> SEQ ID NO: 25
262 <211> LENGTH: 21
263 <212> TYPE: DNA
264 <213> ORGANISM: Homo sapien
266 <400> SEQUENCE: 25
267 ggcacatctgag accagtgaga a 21
269 <210> SEQ ID NO: 26
270 <211> LENGTH: 21
271 <212> TYPE: DNA
272 <213> ORGANISM: Homo sapien
274 <400> SEQUENCE: 26
275 gctgtccccac ttacagatgc a 21
277 <210> SEQ ID NO: 27
278 <211> LENGTH: 21
279 <212> TYPE: DNA
280 <213> ORGANISM: Homo sapien
282 <400> SEQUENCE: 27
283 tcaaagcgcc agctggagtt t 21
285 <210> SEQ ID NO: 28
286 <211> LENGTH: 9
287 <212> TYPE: PRT
288 <213> ORGANISM: Homo sapien
290 <400> SEQUENCE: 28
291 Ala Ala Gly Ser Ser Ser Ser Val Lys
292 1 5
294 <210> SEQ ID NO: 29
295 <211> LENGTH: 9
296 <212> TYPE: PRT
297 <213> ORGANISM: Homo sapien
299 <400> SEQUENCE: 29
300 Ala Ala Gln Phe Pro Asn His Ser Phe
301 1 5
303 <210> SEQ ID NO: 30
304 <211> LENGTH: 9
305 <212> TYPE: PRT
306 <213> ORGANISM: Homo sapien
308 <400> SEQUENCE: 30
309 Ala Glu Pro His Glu Glu Gln Cys Leu
310 1 5
312 <210> SEQ ID NO: 31
313 <211> LENGTH: 9
314 <212> TYPE: PRT
315 <213> ORGANISM: Homo sapien
317 <400> SEQUENCE: 31
318 Ala Gly Ala Cys Arg Tyr Gly Pro Phe
319 1 5

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/002,603A

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Input Set : D:\seq465c6.app.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:406; Xaa Pos. 85,86,172,173,242,245,246,247

VERIFICATION SUMMARY

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L:20 M:270 C: Current Application Number differs, Wrong Format
L:5128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:406 after pos.:80
M:341 Repeated in SeqNo=406